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1909/10

CATALOGUE OF THE
Grove City College
at Grove City - Pennsylvania
THIRTY-FIFTH YEAR

1909 AND 1910

CATALOGUE
OF THE
UNIVERSITY OF ILLINOIS

THIRTY-FIFTH YEAR

GROVE CITY COLLEGE

CATALOGUE

FOR

1909 AND 1910

WITH

CALENDAR AND COURSES OF STUDY

FOR THE YEAR 1910-1911



GROVE CITY, PENNSYLVANIA

CALENDAR

1910

Sept. 20, Tuesday..... Fall term begins, 9 A. M.
Entrance examinations, 1:30 P. M.
Term continues twelve weeks.

Dec. 5, Monday... }
Dec. 6, Tuesday... } Final examinations.
Dec. 7, Wednesday }
}

1911

Jan. 3, Tuesday..... Winter term begins, 9 A. M.
Term continues twelve weeks.

Jan. 17, Tuesday..... Trustees' Meeting, 11 A. M.

Mar. 20, Monday... }
Mar. 21, Tuesday... } Final examinations.
Mar. 22, Wednesday }
}

Mar. 28, Tuesday..... Spring term begins, 9 A. M.
Term continues twelve weeks.

June 4, Sabbath..... Annual Sermon to the Christian Associations.

June 8, Thursday... }
June 9, Friday..... } Final examinations.
June 10, Saturday... }
}

June 11, Sabbath..... Baccalaureate Services, 8 P. M.

June 12, Monday..... Graduating Exercises of Music Department, 8 P. M.

June 13, Tuesday..... Class Day Exercises, 10 A. M.
Trustees' Meeting, 11 A. M.
Art Reception, 9:30 A. M.; 2 to 5 P. M.
President's Reception, 8 P. M.

June 14, Wednesday.. Commencement, 10 A. M.
Alumni Banquet, 7 P. M.

June 20, Tuesday..... Summer term begins, 9 A. M.

June 27, Tuesday..... School of Pedagogy begins.

Aug. 3, Thursday.... Bible Conference begins.

Sept. 19, Tuesday..... Fall term begins.

1912

Jan. 2, Tuesday..... Winter term begins.

Mar. 26, Tuesday..... Spring term begins.

June 18, Tuesday..... Summer term begins.

THE CORPORATION

GROVE CITY COLLEGE was first incorporated as an Academy, August, 1879. It was re-incorporated as a College, November 21, 1884. The corporation consists of a self-perpetuating body of thirty elected members, each holding office for three years, and the president of the Faculty, who is a member *ex-officio*. One-third of the elected members go out of office each year at the June meeting, when their successors are elected by the remaining members of the Board. The term of office of Class I expires 1911; of Class II, 1912; of Class III, 1913.

Grove City College is the outgrowth of the work in higher education begun at Pine Grove, now Grove City, Pennsylvania, on the 11th of April, 1876.

TRUSTEES

When first elected. *Class 1. (Term expires 1911.)* Residence.

1910	W. M. H. BURCHFIELD	.	.	.	.	Pittsburg
1905	W. M. ALBERT HARBISON	.	.	.	.	Pittsburg
1880	S. F. THOMPSON, Esq.	.	.	.	.	Mercer
1896	REV. A. R. RICH, D.D.	.	.	.	.	New Castle
1906	WILLIAM V. YOUNG	.	.	.	.	Grove City
1895	REV. W. E. OLLER, D.D.	.	.	.	.	Butler
1902	WILSON A. SHAW	.	.	.	.	Pittsburg
1902	MARK W. GRAHAM	.	.	.	.	Grove City
1895	REV. JOS. T. GIBSON, D.D.	.	.	.	.	Pittsburg
1910	FREDERICK R. BABCOCK	.	.	.	.	Pittsburg

Class 2. (Term expires 1912.)

1902	E. J. FITHIAN, M.D.	.	.	.	.	Grove City
1880	THOMAS W. DALE	.	.	.	.	Grove City
1887	J. C. GLENN	.	.	.	.	Grove City
1897	JUDGE S. H. MILLER	.	.	.	.	Mercer
1880	J. T. BLAIR	.	.	.	.	Parkersburg, W. Va.
1893	A. M. CRAIG	.	.	.	.	Grove City
1901	H. A. MILLER, Esq.	.	.	.	.	Pittsburg
1910	HAMILTON STEWART	.	.	.	.	Pittsburg

Class 3. (Term expires 1913.)

1895	REV. WM. H. McMILLAN, D.D.	.	.	.	.	Pittsburg
1895	J. N. PEW	.	.	.	.	Philadelphia
1895	EDWARD O'NEIL	.	.	.	.	Sewickley
1898	HENRY BUHL, JR.	.	.	.	.	Pittsburg
1880	NEWTON CAMPBELL	.	.	.	.	Grove City
1888	REV. W. J. McCONKEY, D.D.	.	.	.	.	Grove City
1907	CHARLES G. KISKADDON, Esq.	.	.	.	.	Pittsburg
1907	W. S. MCKAY	.	.	.	.	Grove City
1895	ISAAC C. KETLER, D.D., LL.D., <i>Ex-Officio</i> .					

OFFICERS AND COMMITTEES OF THE BOARD

OFFICERS

J. N. PEW	President
REV. WM. H. McMILLAN, D.D.	Vice President
J. C. GLENN	Secretary
W. S. MCKAY	Assistant Secretary
GROVE CITY NATIONAL BANK, GROVE CITY . .	Treasurer

EXECUTIVE COMMITTEE

W. V. YOUNG, Chairman;	NEWTON CAMPBELL,
MARK W. GRAHAM,	T. W. DALE,
J. N. PEW,	EDWIN J. FITHIAN, M.D.,
J. C. GLENN, Secretary,	W. J. McCONKEY, D.D.,
REV. ISAAC C. KETLER, D.D.	

FINANCE COMMITTEE

WILSON A. SHAW, Chairman;	W. M. A. HARBISON,
JUDGE S. H. MILLER,	W. M. H. BURCHFIELD,
C. G. KISKADDON, Esq.,	HENRY BUHL, JR.,
HAMILTON STEWART,	EDWARD O'NEIL.

ADVISORY MEMBERS

J. N. PEW,	W. V. YOUNG,
ISAAC C. KETLER.	

COMMITTEE ON INSTRUCTION

REV. W. J. McCONKEY, D.D., Chairman;	REV. W. H. McMILLAN, D.D.,
REV. J. T. GIBSON, D.D.,	REV. A. R. RICH, D.D.,
REV. ISAAC C. KETLER, D.D.	

LIBRARY COMMITTEE

H. A. MILLER, Esq., Chairman;	FREDERICK R. BABCOCK,
S. F. THOMPSON, Esq.,	JUDGE S. H. MILLER,
J. T. BLAIR,	DR. E. J. FITHIAN.

FACULTY

REV. ISAAC C. KETLER, PH.D., D.D., LL.D.,
President and Professor of Philosophy.

REV. FRANK W. HAYS, PH.D., D.D.,
Professor of History and Political Science.

REV. SAMUEL DODDS, PH.D., D.D.,
Professor of Psychology and Bible.

ALVA J. CALDERWOOD, A.M., PH.D.,
(Grove City College; Harvard University.)
Professor of Latin.

REV. JOHN B. KELSO, A.M., PH.D.,
(Washington and Jefferson College, A.B.; Yale University;
University of Leipsic, Germany, Ph.D.)
Professor of Greek.

OTTO J. SIEPLEIN, M.S., PH.D.,
(Case School of Applied Science, M.S.; University of
Bonn, Germany, Ph.D.)
Professor of Chemistry.

HERBERT W. HARMON, B.S., M.L.,
(Hobart College, M.L.; Cornell University, B.S.)
Professor of Physics and Mechanical Drawing.

ELINOR CARUTHERS, A.M., PH.D.,
(University of Wooster, Ohio, Ph.B.; University of Leip-
sic, Germany; University of Ann Arbor, Michigan;
Grove City College, Ph.D.)
Professor of German.

WEIR C. KETLER, A.B.,
(Grove City College, A.B., 1908; Yale University, A.B., 1910.)
Professor of Mathematics.

LIEUT. WM. A. CASTLE, NINTH INFANTRY, U. S. A.,
(Detailed October 23d, 1907.)
Professor of Military Science and Tactics.

ZAIDA VON BRIESEN,
(Normal College of Hanover, Germany.)
Professor of French.

B. ALEMBERT MONTGOMERY, A.M., M.D.,
(Grove City College, A.B.; The University of Pennsylvania, M.D.)
Professor of Biology and Physiology.

PROFESSOR OF ENGLISH,
(Chair to be filled before September 20, 1910.)

PROFESSOR OF EDUCATION,
(Chair to be filled before September 20, 1910.)

ELIZABETH ILLIG,
Instructor in Elocution and Oratory.

FACULTY OFFICERS AND COMMITTEES

REV. ISAAC C. KETLER, PH.D., D.D., LL.D.	President
OTTO J. SIEPLEIN, M.S., PH.D.	Registrar
REV. JAMES F. RAY, D.D.	Assistant to the President
ALVA J. CALDERWOOD, PH.D.	Secretary
REBECCA FORESMAN	Dean of the ladies' dormitories
IDA J. BATDORFF	Matron of the ladies' dormitories
MRS. AGNES HENDERSON	Librarian
IDA LUELLA MEYER	Secretary to the President
CECIL STEWART	Stenographer
WILLIAM SHORTS	Engineer
ELMER SHORTS	Janitor

EXECUTIVE COMMITTEE

PRESIDENT KETLER, DR. HAYS, DR. KELSO.

MATRICULATION COMMITTEE

DR. HAYS, Class officer for Seniors, Chairman.
DR. DODDS, Class officer for Juniors.
DR. CALDERWOOD, Class officer for Sophomores.
DR. KELSO, Class officer for Freshmen and Preparatory students.
DR. SIEPLEIN, Class officer for Freshmen and Preparatory students.

THE COLLEGE COURSES

The courses leading to the degrees of Bachelor of Arts, Science and Philosophy require 180 hours' work beyond that necessary for entrance to the Freshman class. This means four years' work of 45 hours per year, or 15 hours per term. Work in Elocution, two hours per week, is required of all Freshmen and Sophomores. Military drill, four hours per week, is required of all men students through the Freshman and Sophomore years, and in the Junior and Senior years if such drill is needed to make a total of six terms. All young women are required to take work in Physical Culture. Elocution, Military Drill and Physical Culture are extra-curriculum, but obligatory; that is, no credit on the college course of 180 hours is allowed for these subjects. Military Science rates as a college subject, and is required of all officers and non-commissioned officers in the battalion.

EXPENSES

The tuition is \$20 per term, with special fees for Mechanical Drawing, \$5; for Physics, \$2; for Chemistry, \$2 or \$3; for Surveying, \$3; for Botany, \$2. Athletic fee for each of the regular terms, for ladies, \$1; for gentlemen, \$2. Hospital fee, 50 cents per term, for the winter term, \$1. Special examination in any subject, \$1. For cost of board and room, see General Information, pages 48 and 53.

It is the aim of the College authorities to keep a college education within reach of students of limited means. Students who desire to work their way, either wholly or in part, can always find work, either at the College or among the homes and business places in the town.

REQUIREMENTS IN HOURS FOR THE DEGREES

	A.B.	B.S.	Ph.B.
Latin	18		
Greek	18		
German		18	
Language			18
English	15	15	15
Mathematics	12	21	12
Science	12		
Chemistry		18	
Physics		18	
Psychology	6	6	6
Philosophy	3	3	3
History and Political Science			18
Bible	12	12	12
Electives	84	69	96
	<hr/>	<hr/>	<hr/>
	180	180	180

Students for A.B. may substitute German or French of equal grade (beginning with German 7 or French 7) for the Greek, but this substitution must be entire, not partial.

Students for B.S. may substitute French for German; these languages are on the same basis as for the students for A.B.

Students for Ph.B. must take the required 18 hours in some one language.

The large number of hours allowed for electives gives the individual wide latitude for choice of desired work. Elective hours are confined largely to the Junior and Senior years, and the choice of work must meet the approval of the student's class officer.

PLAN OF COURSE FOR A.B.

FRESHMAN YEAR

FIRST TERM.
 Latin, 3 hours.
 Greek, 3 hours.
 *English 1, 2 hours.
 Math. 1, 4 hours.
 Elective, 3 hours.

SECOND TERM.
 Latin, 3 hours.
 Greek, 3 hours.
 English 2, 2 hours.
 Math. 2, 4 hours.
 Elective, 3 hours.

THIRD TERM.
 Latin, 3 hours.
 Greek, 3 hours.
 English 3, 2 hours.
 Math. 3, 4 hours.
 Elective, 3 hours.

SOPHOMORE YEAR

Latin, 3 hours.
 Greek, 3 hours.
 *English 4, 3 hours.
 Bible 1, 3 hours.
 Elective, 3 hours.

Latin, 3 hours.
 Greek, 3 hours.
 English 5, 3 hours.
 Bible 2, 3 hours.
 Elective, 3 hours.

Latin, 3 hours.
 Greek, 3 hours.
 English 6, 3 hours.
 Bible 3, 3 hours.
 Elective, 3 hours.

JUNIOR YEAR

Bible 4, 3 hours.
 *Psychology 1, 3 hrs
 Elective, 9 hours.

Psychology 2, 3 hrs.
 Elective, 12 hours.

Philosophy 1, 3 hrs.
 Elective, 12 hours.

SENIOR YEAR

Elective, 15 hours. Elective, 15 hours. Elective, 15 hours.

Students desiring the modern languages are allowed to substitute German or French for Greek. All students are advised to elect the required work in Science (12 hours) in the Freshman and Sophomore years.

*NOTE.—The several courses in any subject are numbered 1, 2, 3, 4, etc. These numbers will be found in the description of the courses of study available for degrees. See pages 26-39.

PLAN OF COURSE FOR B.S.

FRESHMAN YEAR

FIRST TERM.
 German 7, 3 hours.
 Math. 1, 4 hours.
 English 1, 2 hours.
 Chemistry 1, 3 hours
 Elective, 3 hours.

SECOND TERM.
 German 8, 3 hours.
 Math. 2, 4 hours.
 English 2, 2 hours.
 Chemistry 2, 3 hours
 Elective, 3 hours.

THIRD TERM.
 German 9, 3 hours.
 Math. 3, 4 hours.
 English 3, 2 hours.
 Chemistry 3, 3 hours
 Elective, 3 hours.

SOPHOMORE YEAR

German 10, 3 hours.
 Math. 4 or 6, 3 hrs.
 English 4, 3 hours.
 Chemistry 4, 3 hours
 Physics 1, 3 hours.

German 11, 3 hours.
 Math. 5 or 8, 3 hrs.
 English 5, 3 hours.
 Chemistry 5, 3 hours
 Physics 2, 3 hours.

German 12, 3 hours.
 Math. 7 or 9, 3 hrs.
 English 6, 3 hours.
 Chemistry 6, 3 hours
 Physics 3, 3 hours.

JUNIOR YEAR

Bible 1, 3 hours.	Bible 2, 3 hours.	Bible 3, 3 hours.
Bible 4, 3 hours.	Psychology 2, 3 hrs.	Philosophy 1, 3 hrs.
Psychology 1, 3 hrs.	Physics 5 or 8, 3 hrs	Physics 6 or 9, 3 hrs
Physics 4 or 7, 3 hrs	Elective, 6 hours.	Elective, 6 hours.
Elective, 3 hours.		

SENIOR YEAR

Elective, 15 hours.	Elective, 15 hours.	Elective, 15 hours.
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The substitution of equivalent courses of French for those of German is allowed.

PLAN OF COURSE FOR Ph.B.

FRESHMAN YEAR

FIRST TERM.	SECOND TERM.	THIRD TERM.
Language, 3 hours.	Language, 3 hours.	Language, 3 hours.
English 1, 2 hours.	English 2, 2 hours.	English 3, 2 hours.
Math. 1, 4 hours.	Math. 2, 4 hours.	Math. 3, 4 hours.
Elective, 6 hours.	Elective, 6 hours.	Elective, 6 hours.

SOPHOMORE YEAR

Language, 3 hours.	Language, 3 hours.	Language, 3 hours.
English 4, 3 hours.	English 5, 3 hours.	English 6, 3 hours.
Bible 1, 3 hours.	Bible 2, 3 hours.	Bible 3, 3 hours.
Elective, 6 hours.	Elective, 6 hours.	Elective, 6 hours.

JUNIOR YEAR

Psychology 1, 3 hrs.	Psychology 2, 3 hrs.	Philosophy 1, 3 hrs.
Bible 4, 3 hours.	Elective, 12 hours.	Elective, 12 hours.
Elective, 9 hours.		

SENIOR YEAR

Elective, 15 hours.	Elective, 15 hours.	Elective, 15 hours.
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All students are required to elect 18 hours of History and Political Science before the Senior year.

ENTRANCE REQUIREMENTS

Admission to the Freshman class may be obtained in one of two ways: By certificate, or by examination. Entrance by certificate is granted upon presenting satisfactory proof of completion of fourteen units of preparatory work.

ENTRANCE BY CERTIFICATE

Although fourteen units are necessary for full Freshman standing, a candidate may be classed as conditioned Freshman who has completed but twelve units of work. In every such case the condition in the two deficient units must be removed before promotion to the Sophomore class can be granted.

A unit means daily recitations for a year in any one subject, in a secondary school (not less than 150 recitations).

Candidates for the degree of Bachelor of Arts are required to present two units in English, four units in Latin, two units in Mathematics, two units in German, French or Greek. The four additional units are elective.

Candidates for the degree of Bachelor of Science are required to present two units in English, three units in Mathematics, two units in Science, two units in German or French. The five additional units are elective.

Candidates for the degree of Bachelor of Philosophy are required to present two units in English, two units in Mathematics, two units in Latin, Greek, French or German. The eight additional units are elective.

Candidates for the degrees of Bachelor of Arts and Bachelor of Science may be admitted on the same basis as those for Bachelor of Philosophy, provided that the deficient work in Languages, Mathematics or Science is made up during the College course by electing such courses as may be necessary to supply these deficiencies.

The units are to be chosen from the following :

English, 2 or 3 units. Grammar, Composition and Rhetoric, one unit; Literature, one unit; the third unit either Advanced Composition or Literature.

Mathematics, 2 to 4 units. Algebra through Quadratic Equations, one unit; Plane Geometry, one unit. The additional work: Advanced Algebra, Solid Geometry, Plane Trigonometry and Surveying, each $\frac{1}{2}$ unit. Trigonometry and Surveying will be granted on examination only.

Latin, 2, 3 or 4 units. Elementary Latin, one unit; Caesar, four books, one unit; Cicero, six orations, and Composition, one unit; Vergil, six books, one unit. In Cicero and Vergil for less work than above stated, $\frac{1}{2}$ unit each may be allowed.

Greek, 2 or $2\frac{1}{2}$ units. Elementary Greek, one unit; Anabasis, four books, and Composition, one unit; Homer, three books, $\frac{1}{2}$ unit.

German, 1 or 2 units. Elementary German (Grammar, Conversation, and Reading of easy texts), one unit; Composition and Translation (*Wilhelm Tell* and *Immensee*, or equivalents), one unit.

French, 1 or 2 units. Elementary French (Grammar, Conversation and Reading of easy texts), one unit; Composition and Translation (*La Chateau d'lf*, *La Tulipe Noire*, and *Mlle. de la Seigliere*, or equivalents), one unit.

History, $\frac{1}{2}$ to 3 units. General, or Greek and Roman, $\frac{1}{2}$ unit; Mediæval and Modern, $\frac{1}{2}$ unit; English, $\frac{1}{2}$ unit. In each of these courses, more extended and thorough work may be accepted for a full unit.

Physics, with laboratory, 1 unit. Carhart and Chute, Hoadley, or equivalent.

Chemistry, with laboratory, 1 unit. "First Principles of Chemistry," Brownlee, or its equivalent.

Astronomy, Biology, Botany, Civics, Physical Geography, Physiology, Zoology, each $\frac{1}{2}$ unit. Exceptionally thorough and extended work in any of these subjects may be accepted as a full unit.

In offering Physics, or Chemistry, certified laboratory notebooks must be presented. Not more than four units in the Sciences will be accepted. A student unable to carry work in any course to which his accepted units admit him, will lose credit in all such units up to the work he can carry. A student presenting but one unit of French or German as his second language for A.B., or as his language for B.S., will be granted provisional credit in this language dependent upon his completion of a second year's work.

Candidates for admission by certificate, coming from High Schools, Normal Schools, and Academies, may be granted credit up to the maximum of four units per year spent at such institution. The certificate must state clearly the following:

1. The number of years at the institution.
2. The subjects studied.
3. The textbooks used.
4. The number of weeks given to each subject.
5. The number of hours per week for each subject.
6. The grades received in each subject.

Blank forms for such certification will be sent on application.

ENTRANCE BY EXAMINATION

Candidates for the Freshman class, desiring to enter on examination, will be examined in the following subjects:

- 1, English. Candidates will give the names of six classics they have read. They will then be assigned a topic from one of these works, on which they will be required to write a theme of 500 words. A knowledge of the elementary forms of composition will be necessary to pass this test.
- 2, History. Elementary Greek and Roman History.
- 3, Algebra, through Quadratic Equations.
- 4, Plane Geometry.
- 5, Latin Prose. This examination will be based on the four books of Caesar, the four orations of Cicero against Catiline, and will include grammar, composition and easy passages for sight translation.
- 6, Latin Poetry. This examination will be based on four books of Vergil, and will include sight translation from other portions of Vergil.
- 7, Greek. This examination will be based on three books of Xenophon's *Anabasis*, and will include grammar, composition, and easy passages for sight translation.
- 8, German. This examination will be based upon two years' work in German. The candidate will give names of texts read. The examination will include grammar, composition, and sight translation based on these texts.
- 9, French. This will be on the same basis as the German.
- 10, Chemistry. This examination will be based on an elementary textbook on general chemistry. A notebook of experiments must be presented to show laboratory work done.
- 11, Physics. This examination is on the same basis as that in Chemistry.

Candidates for course leading to A.B. degree must take examinations 1, 2, 3, 4, 5, 6, and either 7, 8, or 9.

Candidates for course leading to B.S. degree must take examinations 1, 2, 3, 4, 5, 10, 11, and either 8 or 9.

The examinations are held in June during Commencement week, and at the opening of the fall term. They may be taken in two divisions. A candidate passing four examinations at the first attempt is given a certificate of having passed these preliminary examinations, and at a later date he can proceed to take the final examinations. Such preliminary certificate is valid for fifteen months only.

A candidate may be admitted as conditioned Freshman if he has passed all examinations but one.

ADVANCED STANDING

Advanced standing in any one of the College courses may be obtained on examination, or on certificate. In all cases the applicant must show that he has had the necessary training preceding those courses covered by his accepted work. The Faculty reserves the right to refuse to accept certification for any of the courses and to require examination instead.

The certificate presented must show that the certified college work represents work of the same character and thoroughness as done in a standard college. No credit for Junior or Senior work is accepted except from approved colleges. A student unable to carry work to which his accepted, certified work admits him will be granted credits only up to the class whose work he can carry. The certificate requesting advanced standing must set forth clearly the following points:

1. The number of years at the former institution.
2. The subjects studied each year.
3. The name and degree of the teacher of each subject, including the name of the institution granting his degree.

4. The text-books used.
5. The number of weeks devoted to each subject.
6. The number of hours per week for each subject.
7. The grades received in each subject.

Blank forms will be sent on application.

REGULATIONS GOVERNING STUDENTS

A member of the Faculty is class officer for each of the College classes and for the Preparatory Department. These five class officers constitute a committee with power to control the work taken by each student. On the records of this committee the students are divided into the following classes:

Sub-Freshman, with less than 12 units of preparatory work.

Freshman, with 12 to 14 units of preparatory work, and 45 hours, or less, of college work.

Sophomore, with 46 to 90 hours of college work.

Junior, with 91 to 135 hours of college work.

Senior, with 136 or more hours of college work.

A student is promoted to a higher class on the records of the class officers committee whenever he has completed the work of the preceding student year.

A student completing his senior work at the end of the summer, fall, or winter term, is classed with those graduating at the following Commencement, except those who are completing the course in 1911. He may be granted his degree and receive his diploma on completion of his work, by action of the executive committee of the Board of Trustees.

No student is granted a degree on less than three consecutive terms' work in residence. This is not interpreted to mean three consecutive terms preceding graduation, in the case of a student who has spent more than three terms at the College.

At the beginning of each term each student is required to present to his class officer a copy of his credit card. In case of doubt as to his classification, a student may present his card to any class officer, who will then determine his standing.

On the basis of this credit card, the class officer makes out the program for the student's work for that term. In all cases a student is required to give work of any lower class preference in his program. Any deviation from this program is allowed only with the consent of his class officer. The program for irregular students (that is, those not candidates for a degree, or those taking only special work) is made out by the class officers committee. The teacher's class rolls are made up from the records of the class officers committee.

In making out a student's program, 15 hours' college work is considered the standard. A student who has received only honor grades (A or B) in the work of his next preceding term is permitted to take work up to 18 hours, and, with the consent of the committee of class officers, up to 20 hours. A student who has had honor grades in the majority of his work for his next preceding term, may, with the consent of the committee of class officers, be permitted to take work up to 18 hours.

No credit on the College course is allowed for Military drill or Oratory (Elocution). The maximum credit allowed for any term's work is 20 college hours.

All students taking work in any course requiring use of equipment belonging to the College, and all ladies at the Colonial, are required to make a deposit of \$2 to cover breakage at the beginning of each term. At the end of the term the balance not used will be refunded.

GRADUATION HONORS

Any student of the A.B. and B.S. courses, whose rank in no department averages less than "B", may be a candi-

date for graduation honors, upon meeting the conditions for honors in Latin, Greek, French, German, Physics, Chemistry.

1. Candidates for honors in any language must be candidates for A.B. degree, having completed the prescribed work.

2. Candidates for honors in Physics or Chemistry must be candidates for B.S. degree, having completed the prescribed work.

3. A candidate in any department must complete all the work scheduled in that department.

4. In all languages, facility in composition is a requirement, and in modern languages, in addition, ability to converse is demanded. Candidates for honors in a language must pass a special examination in sight reading of prose works in that language. Candidates for honors in a science must pass a special examination in the science and also in sight reading of scientific German or French. Such examinations are given by a committee consisting of the heads of the departments.

5. All students who have completed the honor course in any department are graduated in the honor school of that department.

6. All students who have a grade of "A" in half their honor work are graduated *cum laude*; those who have a grade of "A" in all their honor work are graduated *magna cum laude*.

Distinguished ability in every department entitles a student to be graduated *summa cum laude*.

TEACHING SCHOLARSHIPS

The College authorities have established five teaching scholarships for students of especial merit, which yield an income of \$160 per year to the holder. The appointments are made from the Junior and Senior classes for one year to honor students. Holders of these scholarships teach two

classes per term under the direction of the head of the department to which they are assigned.

Teaching-Scholarships for 1909-10 were awarded to Paul A. Eakin, Frank Eakin, and George A. Frantz. Teaching-Scholarships for 1910-11 have been awarded to A. Melville Allen, George Arthur Cribbs, A.B., and L. Leo Tait.

Teaching-Scholarships involving an equal amount of remuneration have been procured at the Grove City High School for Ira D. Garard, of the class of 1911, for Chemistry, and Nodie Bryson Wilson, of the class of 1911, for Greek.

DEPARTMENTS OF INSTRUCTION

THE POST-GRADUATE DEPARTMENT

For some years the College has maintained a Department of Post-Graduate Study leading to the degree of Doctor of Philosophy. When the department was first established, men were permitted to do the work *in absentia*. The experiment has not proved satisfactory in many cases, and two years ago the authorities of the College decided greatly to modify the conditions and plans of this work. The result has been to drop Course "B", or the course in Political and Social Science, and to confine the energies of the institution, so far as graduate work is concerned, to purely philosophical studies, and also to require at least one session's attendance upon lectures in the fundamental courses of this department, namely, daily lectures in Metaphysics, Epistemology, and in expository lectures in both the ancient and the modern schools of Philosophy. For many years Professor Borden P. Bowne, of Boston University, contributed not a little to the success and character of this work. For the last two years, Dean A. T. Ormond, Princeton's distinguished philosopher, has been giving his entire summers to this work for Grove City College. For the summer of 1910, President Ketler, who has this work especially in charge, was assisted by Dean Ormond, of Princeton, and Professor John E. Clarke, successor to Professor Borden P. Bowne, of the Boston University. At least six courses bearing on the various phases of philosophy are maintained each summer. Many clergymen and educators are availing themselves of the opportunities which the College affords to secure splendid fundamental work along philosophical lines. Those who matriculate in this institution for the degree of Doctor of Philosophy are strongly urged to begin their work by attendance upon the summer session. The subsequent read-

ing required for the degree thus becomes a pleasure and is rendered very much more profitable by the summer's work devoted, in residence, to the fundamental problems of philosophy. *The college is not soliciting matriculates for this department.* The authorities want it distinctly understood, that *only those who undertake this work for the work's sake* are encouraged to pursue it. The degree earned by this course is of secondary importance.

It is assumed in general that the matriculate shall have had a college course of training, or at least the equivalent of such a course, before undertaking this work. A degree from a reputable college will be accepted as *prima facia* evidence of a candidate's equipment for this work; otherwise the candidate must satisfy the Faculty of his equivalent mental discipline and fitness for this work.

The matriculation fee is \$10. This must invariably accompany the application for enrollment as an evidence of a settled purpose and good faith; \$20 will cover the cost of final examinations and degree, and \$10 the cost of diploma.

Matriculates in this department must spend at least one summer term at the College, taking the lectures provided in the post-graduate work during the summer months. The remaining work may be done *in absentia*, and examinations can be had at any time by reporting to the College, or by correspondence, as may be agreed upon. In case of examinations by correspondence, some one mutually acceptable must be selected to conduct the examinations in behalf of the College. In all cases the examination questions will be furnished by the Department of Philosophy.

A carefully prepared thesis on some theme acceptable to the President of the College is required as part condition to graduation. Where it is possible, the candidate is expected to be present at Commencement to receive the degree in person. Work in residence under noted philosophers and men especially equipped to give this instruction is, for most men, necessary, if they are to master the funda-

mental problems of philosophy. The remaining work required can be done with much greater ease and satisfaction after the one summer's work in residence and with very much more satisfaction to the College authorities. Many clergymen find it possible to secure an extension of their summer vacation so as to make it coterminous with the Summer School of Philosophy at Grove City.

The College in providing this opportunity to clergymen and other scholars engaged for much of the year in their respective vocations has opened the door to many men who have long desired opportunities for such fundamental work.

It is the purpose of the College authorities to maintain this department and enlarge its scope from year to year, but while doing this, the College will not lower the standard to meet the wishes of men who are not willing to pay the price of earnest, faithful study.

*FIRST YEAR---PREPARATORY STUDY

Psychology: Baldwin's *Senses and Intellect*; Chas. Scribner's Sons.

Psychology: Baldwin's *The Feelings and the Will*; Chas. Scribner's Sons.

Psychology: Baldwin's *Social and Ethical Interpretations*; Chas. Scribner's Sons.

Ethics: D'Arcy; Macmillan & Co.

Logic: Jevon's, edited by J. D. Hill; Sheldon & Co.

History of Philosophy, Ancient and Modern, Schwegler; D. Appleton & Co.

SECOND YEAR

Metaphysics: Bowne; American Book Co.

Theory of Thought and Knowledge; Bowne; American Book Co.

Life of Kant; Paulsen; Macmillan & Co.

Critique of Pure Reason; Kant Bohn's Classical Library.

History of Ancient Philosophy; Überweg, Vol. 1; or Windleband; Chas. Scribner's Sons.

*The foregoing studies are all required in our Collegiate Courses of Study, and these, or their equivalents, are required of all who, as alumni of other colleges, matriculate in the Post-Graduate Course in Philosophy here.

Outlines of Greek Philosophy; Zeller; The MacMillan Co.

Naturalism and Agnosticism; Ward; The MacMillan Co. Vol. I.

For general reading and reference: Locke's *Essay Concerning the Human Understanding*; Bohn's *Classical Library*; Plato's *Dialogues*, four volumes, Jowett, Charles Scribner's Sons; Greek Philosophy, Zeller, Henry Holt & Co.; *Biographical History of Philosophy*, G. H. Lewes, Vol. I., D. Appleton & Co.

THIRD YEAR

Naturalism and Agnosticism; Ward; The MacMillan Co. Vol. II.

Plato's *Phaedo* and *Republic*; Jowett; Chas. Scribner's Sons.

Persistent Problems of Philosophy; Calkins; The MacMillan Co.

Kant's *Prologomena to Every System of Metaphysics*; Open Court Publishing Co.

Concepts of Philosophy; Ormond; Chas. Scribner's Sons.

The Doctrine of Reality; Ladd; Chas. Scribner's Sons.

Personalism; Bowne; Houghton, Mifflin & Co.

Theism; Bowne; American Book Co.

Special Expositions of the Schools of Kant, Fichte, Schelling, Hegel, Herbart, Schopenhauer and Lotz; these expositions to be made from study of the authors directly, or from source books such as Rand's *Classical Philosophers*, etc.

For General Reading and Reference: *History of Modern Philosophy*, G. H. Lewes, Vol. II., D. Appleton & Co.; *The Scottish Philosophy*, McCosh, Carters; *The Self-Revelation of God*, Harris; Chas. Scribner's Sons; *Microcosmus*, Lotz, Vols. I. and II.; *Janet's Final Causes*, Chas. Scribner's Sons.

The foregoing subjects if thoroughly read and understood will furnish a splendid discipline and open up in a very satisfactory way the essential problems of philosophy. The first year of preparatory study is not required of men who have had, in their college course, an equivalent training, but the subjects in the second and third years are re-

quired of all except when the lectures in the Summer School quite specifically cover the subject-matter of any one of the foregoing books. At the close of each summer session a candidate for a degree will be notified of the books from the study of which he will be excused, and he will also be given a statement of the further work which must be done in order to complete the course. Examinations at the close of each summer session will be held in the subjects of study, and candidates who have, by independent reading, prepared on one or more books not included in the summer's work will be examined in those books. All other examinations may be had by correspondence in the way above indicated.

UNDERGRADUATE DEPARTMENTS OF INSTRUCTION

On the following pages is given an account of the work done in each course in the various departments. Following the description of each course, a statement of the credit given for the course, and in brackets the names of those courses which are prerequisite to that course.

PHILOSOPHY

Philosophy 1. Lectures on Ontology and Cosmology, with syllabi; in the absence of President Ketler, Bowne's Metaphysics covering the same subjects. 3 hours. (Psychology 1 and 2.)

Philosophy 2. The History of Ancient and Modern Schools. Texts: Schwegler; Outlines of Greek Philosophy. Zeller; Persistent Problems of Philosophy, Calkins. 3 hours. (Philosophy 1.)

Philosophy 3. Lectures in Epistemology with syllabus covering the general theory of Knowledge; in the absence of President Ketler, Bowne's Theory of Thought and Knowledge covering the same subjects. 3 hours. (Psychology 1 and 2.)

Philosophy 4. Lectures on the Categories, with expositions of Modern Schools, with original syllabi and with texts—Schwegler; Hibben's, The Philosophy of the Enlightenment; Rand, Modern Classical Philosophers. 3 hours. (Philosophy 1; Philosophy 3 is advised.)

Philosophy 5. Logic covering the Doctrines of the Concept, the Judgment, the Syllogism, Inductive and Deductive method of reasoning and in general the Nature and the Laws of Thought,—Creighton. 2 hours. (Psychology 1 and 2.)

Philosophy 6. Ethics,—D'Arcy. 2 hours. (Psychology 1 and 2.)

METAPHYSICS AND EPISTEMOLOGY

The value of Metaphysics and Epistemology in one's college course cannot be overestimated. Even in the study of the Sciences and Mathematics a knowledge of fundamental truth and of the processes of knowing is of inestimable value. It is of fundamental importance to students of literature. No one is equipped to interpret the great masters, especially in poetry, who does not have a working theory of Metaphysics. Men who have in view the study of theology will find the study of Metaphysics and Epistemology an indispensable discipline to the understanding of theological doctrine. For twenty-five years Grove City College has identified itself with the general idealistic movement in Philosophy, and has made no small contribution to the advancement of this better way of conceiving fundamental truth. Almost without exception the graduates of Grove City College have gone into Theological Seminaries with a working theory of Metaphysics and hundreds of clergymen and others in the Summer School of Philosophy at Grove City have been stimulated to secure a better philosophical equipment.

HISTORY AND POLITICAL SCIENCE**ECONOMICS**

Economics 1. General introductory course. 3 hours.

Economics 2. Continuation of Economics 1. 3 hours.
(Economics 1.)

Economics 3. Railway Transportation and Railway Problems. 3 hours. (Economics 2.)

Students electing Economics 1 must elect Economics 2 the following term, though they need not elect Economics 3.

POLITICAL SCIENCE

Political Science 1. A study of the origin, forms, and purposes of the State and its relation to its Constitution and its government, followed by a detailed study of Con-

stitutional law as found in the United States, Great Britain, France and Germany. 2 hours.

Political Science 2. Continuation of Political Science
1. 2 hours.

Political Science 3. Continuation of Political Science
2. 2 hours.

Students electing Political Science 1 must also elect Political Science 2 and 3.

CONSTITUTIONAL HISTORY OF THE UNITED STATES

Constitutional History 1. A study of the forces and events from 1643 to 1789 which tend towards the union of the Colonies and culminate in the formation and ratification of the Federal Constitution. 2 hours.

Constitutional History 2. Continuation of Constitutional History 1. 2 hours. (Constitutional History 1.)

Constitutional History 3. A study of the growth of the Constitution by usage, interpretation, and amendment, and its influence on our national history. 2 hours. (Constitutional History 2 and 3.)

INTERNATIONAL LAW

International Law 1. A general review of the history of the subject and a statement of its present form. 3 hours.

International Law 2. Continuation of International Law 1. 3 hours. (International Law 1.)

International Law 3. American Diplomacy. 3 hours.

Students electing International Law 1 must also elect International Law 2, but need not elect International Law 3. To elect International Law 3, a student must have completed International Law 2, or must have general knowledge deemed adequate by the professor in charge.

HISTORY

History 1. The history of Europe from the Fall of the Roman Empire to the Reformation. 2 hours.

History 2. Europe from the Reformation to the Congress of Vienna. 2 hours. (History 1.)

History 3. Europe from the Congress of Vienna to the present time. 2 hours. (History 2.)

PSYCHOLOGY

Psychology 1. General Psychology—a study of the senses and intellect. 3 hours.

Psychology 2. General Psychology—a study of the feelings and will. 3 hours. (Psychology 1.)

Psychology 3. Genetic Psychology—a study of the development of the social consciousness. 2 hours. (Psychology 2.)

Psychology 4. Genetic Psychology—a study of the social consciousness with reference to its products: law, customs, myth, religion. 2 hours. (Psychology 3.)

Psychology 5. Advanced Psychology—a study of some of the modern theories and problems of Psychology. 2 hours. (Psychology 4.)

Psychology 1 and 2 are the required courses.

ENGLISH

English 1. Composition, exposition and narration. 2 hours.

English 2. Advanced themes—advanced application of the principles of exposition and narration. 2 hours. (English 1.)

English 3. Argumentation—a study of the principles of analysis and persuasive presentation. 2 hours. (English 2.)

English 4. Chaucer, including a study of the development of the English language. 3 hours. (English 3.)

English 5. Spencer and Milton—the poetry of the Elizabethan Age. 3 hours. (English 3; English 4 is advised.)

English 6. The Romantic Revolution—English poetry from the Restoration to the death of Burns. 3 hours. (English 3; English 4 and 5 are advised.)

English 7. Shakespeare—a literary study of a number of plays. 2 hours. (English 6.)

English 8. Shakespeare—a critical study with attention to dramatic structure. 2 hours. (English 7.)

English 9. New England Literature. 2 hours. (English 8.)

English 10. Prose Fiction. 2 hours. (English 4, 5, and 6.)

English 11. Carlyle and Ruskin—Victorian Prose. 2 hours. (English 4, 5 and 6.)

English 12. Elements of Literary Criticism, with application of critical principles. 2 hours. (English 7 and 8.)

English 13. The Age of Wordsworth. 3 hours. (English 7, 8 and 9.)

English 14. The Victorian Age—Tennyson. 3 hours. (English 13.)

English 15. The Victorian Age—Browning. 3 hours. (English 14.)

ENGLISH BIBLE

Bible 1. The formative centuries to the establishment of the Hebrew Kingdom. 3 hours.

Bible 2. Pre-exilic history of the Hebrew Kingdom and prophetic literature. 3 hours.

Bible 3. Post-exilic history and literature. 3 hours.

Bible 4. The life and teachings of Jesus. 3 hours.

Bible 5. The apostolic Church and the development of Christian thought. 3 hours.

Bible 6. The Wisdom Literature and the Epistles of John and Peter. 3 hours.

Bible 7. Biblical poetry, and the history of manuscripts and versions. 3 hours.

Bible 8. Biblical problems in the light of modern research. 3 hours. (Bible 1, 2, 3, 4 and 5.)

Bible 9. The history of Christian missions.

Bible 1, 2, 3 and 4 are the required courses.

LATIN

Latin 1. Cicero: *de Senectute et de Amicitia*, with work in Composition. 3 hours. (Latin 4 units.)

Latin 2. Latin Composition. 3 hours. (Latin, 4 units.)

Latin 3. Livy. 3 hours. (Latin, 4 units.)

Latin 4. (a) Plautus, taught in 1910. 3 hours. (Latin, 4 units.) (b) Terence, taught in 1911. 3 hours. (Latin, 4 units.)

Latin 5. Tacitus; Annals. 3 hours. (Latin, 4 units.)

Latin 6. Horace: Odes and Satires. 3 hours. (Latin, 4 units.)

Latin 7. (a) Social Life at Rome, taught in 1910. 2 hours. (b) Roman Constitutional History, taught in 1911. 2 hours. The texts in Latin 7 are in English. (Latin, 3 units and Roman History.)

Latin 8. Quintilian: *Institutio Oratoris*. 2 hours. (Latin 1.)

Latin 9. Advanced Composition. 2 hours. (Latin 2.)

Latin 10. Cicero's Correspondence. 2 hours. (Latin 1, 2, 3.)

Latin 11. Suetonius: Lives of the Cæsars. 2 hours. (Latin 1, 2, 3.)

Latin 12. Rapid Reading in Vergil's *Aeneid*, Books 7 to 12. 2 hours. (Latin 1, 2, 3.)

GREEK

Greek 1. Lysias—Select Orations. Prose Composition. 3 hours. (Greek, 2 units.)

Greek 2. Plato—the Apology. Prose Composition. 3 hours. (Greek, 2 units.)

Greek 3. Homer—the Iliad. 5 hours. (Greek, 2 units.)

Greek 4. Homer—the Odyssey, four books. 3 hours.
(Greek 3.)

Greek 5. Sophocles—the Antigone. 3 hours. (Greek 4.)

Greek 6. Aristophanes—the Frogs. 3 hours. (Greek 5.)

Greek 7. Euripides—the Alcestis. 2 hours. (Greek 4.)

Greek 8. Lucian—Selected Dialogues. 2 hours.
(Greek 1, 2 and 4.)

Greek 9. Selections from the lyric poets. 2 hours.
(Greek 1, 2 and 5.)

Greek 10. Demosthenes—the Philippics. 2 hours.
(Greek 6, 7, 8, and 9.)

Greek 11. Thucydides, Book 7. 2 hours. (Greek 10.)

Greek 12. Herodotus, Book 2. 2 hours. (Greek 11.)

Greek 13. New Testament Greek. 2 hours. (Greek 6, 7, 8 and 9.)

Greek 14. Continuation of Greek 13. 2 hours.
(Greek 13.)

Greek 15. The Septuagint. 2 hours. (Greek 14.)

Greek 3 and 4 are required of all candidates for the degree of A.B. who take Greek as one of the two required languages.

HEBREW

Hebrew 1. Elementary Hebrew. 3 hours. (Greek 1 to 4.)

Hebrew 2. Continuation of Hebrew 1. 3 hours.

Hebrew 3. Genesis. 3 hours.

GERMAN

German 1. (a) Grammar (Joynes and Meissner). 3 hours. (b) Conversation. Translation of easy text. (*Immensee*). 2 hours. German 1 (a) and 1 (b) are always taken together. (Latin, 3 units.)

German 2. (a) Grammar, continued. Prose composition. 3 hours. (b) Conversation. Translation. (*Höher als die Kirche*). 2 hours. German 2 (a) and 2 (b) are always taken together. (German 1.)

German 3. (a) Grammar, completed. Prose composition. 3 hours. (b) Conversation. Translation (*Wilhelm Tell*). 2 hours. German 3 (a) and 3 (b) are always taken together. (German 2.) German 3 is followed by German 7.

German 4. Grammar Review. Easy text reading, with prose composition. 3 hours. (German, 1 unit.)

German 5. Grammar Review. Prose Composition. Conversation. 3 hours. (German 4.)

German 6. Translation (*Wilhelm Tell*). Prose Composition or one selected text. Conversation. 3 hours. (German 5.)

German 7. (a) German Literature. 2 hours. (b) Volkslieder, Ballads, Lyric and Epic poetry. 1 hour. German 7 (a) and 7 (b) are always taken together. (German 3 or German 6, or German, 2 units.)

German 8. Lessing's Life and Works. 3 hours. (German 7.)

German 9. (a) German History. 2 hours. (b) Reading and Prose Composition. 1 hour. German 9 (a) and 9 (b) are always taken together. (German 7.)

German 10. Schiller's Life and Works. 3 hours. (German 7.)

German 11. (a) Advanced Prose Composition. 2 hours. (b) Reading (Modern German Novel). 1 hour. German 11 (a) and German 11 (b) are always taken together. (German 8 and 9.)

German 12. Schiller: *Geschichte des dreissigjährigen Krieg, Wallenstein*. 3 hours. (German 9.)

German 13. Goethe's Life and Works. 2 hours. (German 11.)

German 14. Continuation of German 13. 2 hours. (German 13.)

German 15. (a) *Niebelungen Lied*, in modern Ger-

man. 1 hour. (b) Reading (Modern German Novels); more difficult works than those of German 11 (b). 1 hour. German 15 (a) and 15 (b) are always taken together. (German 13.)

German 16. Goethe: *Faust*. Faust Literature. 2 hours. (German 13.)

German 17. Continuation German 16. 2 hours. (German 16.)

German 18. (a) Selected modern drama. 1 hour. (b) Selected modern novels. 1 hour. German 18 (a) and 18 (b) are always taken together. (German 15.)

In all courses, choice of texts or substitution of equivalent texts is made at the discretion of the professor in charge.

In German 7 and all higher courses, class work is supplemented with outside reading; this is used as the basis of class discussion, conversation and composition.

FRENCH

French 1. (a) Grammar (Elementary Grammar, Fraser and Squair, or François). 3 hours. (b) Conversation. Translation of one or two elementary texts. 2 hours. French 1 (a) and 1 (b) are always taken together. (Latin, 3 units.)

French 2. (a) Grammar, continued. 3 hours. (b) Conversation. Translation (*La Poudre aux Yeaux*, *Voyage de M. Perrichon*). 2 hours. French 2 (a) and 2 (b) are always taken together. (French 1.)

French 3. (a) Grammar, completed and reviewed. Easy prose composition. 3 hours. (b) Conversation. Translation (*Madame Therese*, or *Trois Contes Choisis*.) French 3 (a) and 3 (b) are always taken together. (French 2.) French 3 is followed by French 7.

French 4. Grammar (Advanced Grammar, Fraser and Squair). Conversation. Translation (*Le Chateau d'If* or *L'Abbe Constantin*). 3 hours. (French, 1 unit.)

French 5. Grammar, continued from French 4. Con-

versation. Translation (*La Tulipe Noire*). 3 hours. (French 4.)

French 6. Grammar, completed from French 4 and 5. Conversation. Translation (*Mlle. de la Seigliere, Le Verre d'Eau, or Bataille de Dames*). 3 hours. (French 5.)

French 7. French History (Fortier); from early ages to modern times. Translation (*Quatre-vingt-treize, Hernane or Ruy Blas*). Intermediate prose composition. 3 hours. (French 3, or French 6, or French, 2 units.)

French 8. French History; to the French Revolution. Translation (*Pecheur d'Islands, or Huit Contes Choisis*). Intermediate prose composition. 3 hours. (French 7.)

French 9. French History; to present times. Translation (*Le Bourgeois Gentilhomme*). Intermediate prose composition. 3 hours. (French 8.)

French 10. Advanced Prose Composition. French Literature (*Histoire de la Literature Francaise, Le Pays de France, or Les Miserables*). 3 hours. (French 9.)

French 11. Continuation of French 10. 3 hours. (French, 10.)

French 12. Continuation of French 11. 3 hours. (French 11.)

French 13. Difficult Prose Composition. Modern French Literature—*Horace or Cid; Phedre, or Iphigenie*. Outside reading in standard works of History and Literature. 2 hours. (French 12.)

French 14, 15, 16, 17, and 18. Continuation of French 13. Each 2 hours.

In all courses substitution of equivalent texts is made at the discretion of the professor in charge.

In French 7 and all higher courses, class work is conducted in the French language; in these courses the conversation and composition work is based on outside reading of works on history and literature. In the higher courses the best fables of LaFontaine are studied with regard to their importance in the French language and literature.

MATHEMATICS

Mathematics 1. Plane Trigonometry. 4 hours. (Algebra 1 unit, and Geometry, 1 unit.)

Mathematics 2. Algebra: Theory of Exponents to Choice and Chance. 4 hours. (Algebra, 1 unit, and Geometry, 1 unit.)

Mathematics 3. Algebra: Theory of Limits to Construction of Logarithms. 4 hours. (Mathematics 2.)

Mathematics 4. Plane Surveying with Field work. 3 hours. (Mathematics 1 and 2.)

Mathematics 5. Spherical Trigonometry. 3 hours. (Mathematics 1, and Solid Geometry $\frac{1}{2}$ unit.)

Mathematics 6. Analytical Geometry. 3 hours. (Mathematics 1.)

Mathematics 7. Advanced Analytical Geometry. 3 hours. (Mathematics 6.)

Mathematics 8. Differential Calculus. 3 hours. (Mathematics 6.)

Mathematics 9. Integral Calculus. 3 hours. (Mathematics 8.)

CHEMISTRY

Chemistry 1. General Chemistry: 2 recitations and 1 laboratory period. 3 hours. (Chemistry, 1 unit.)

Chemistry 2. Continuation of Chemistry 1. 3 hours. (Chemistry 1.)

Chemistry 3. Continuation of Chemistry 2. 3 hours. (Chemistry 2.)

Chemistry 4. Qualitative Analysis: 2 recitations and 1 laboratory period. 3 hours. (Chemistry 3.)

Chemistry 5. Qualitative Analysis, second term: 1 recitation and 2 laboratory periods. 3 hours. (Chemistry 4.)

Chemistry 6. Gravimetric Quantitative Analysis: 2 recitations and 1 laboratory period. 3 hours. (Chemistry 5.)

Chemistry 7. Volumetric Quantitative Analysis: 1 recitation and 2 laboratory periods. 3 hours. (Chemistry 5.)

Chemistry 8. Quantitative Analysis, rapid methods, especially those connected with furnace laboratory work: 1 recitation and 2 laboratory periods. 3 hours. (Chemistry 6.)

Chemistry 9. (a) Methods of Food and Agricultural Analysis: 1 recitation and 2 laboratory periods. 3 hours. (Chemistry 6, and Chemistry 7 advised.) (b) Water Analysis: 1 recitation and 1 laboratory period. 2 hours. (Chemistry 6, and Chemistry 7 advised.) Courses 9 (a) and 9 (b) may be taken separately.

Chemistry 10. Chemistry of Agriculture. 2 hours. (Chemistry, 1 unit.)

Chemistry 11. Organic Chemistry. 3 hours. (Chemistry 3.)

Chemistry 12. Organic Chemistry, second term: 2 recitations and 1 laboratory period. 3 hours. (Chemistry 11.)

In all the above courses, a laboratory period is understood to mean $2\frac{1}{2}$ to 3 hours actual time in the laboratory. In courses 4, 5, 6, 7, 8, 9 and 12, laboratory work in addition to that prescribed in the course, may be elected by the student with the consent of his class officer and of the professor in charge. Credit will be given at the rate of one hour for one laboratory period.

A laboratory fee of \$2 is charged in all courses requiring one laboratory period; an additional fee of \$1 for each additional laboratory period. Laboratory breakage is charged to each student at cost.

PHYSICS

Physics 1. Elementary theory of Mechanics and Heat. 2 recitations and 1 laboratory period. 3 hours. (Physics, 1 unit, and Plane Trigonometry.)

Physics 2. Elementary theory of Magnetism and Electricity. 2 recitations and 1 laboratory period. 3 hours. (Physics 1.)

Physics 3. The Elements of Sound and Light. 2

recitations and 1 laboratory period. 3 hours. (Physics 2.)

Physics 1, 2 and 3 afford a general course in which the student becomes familiar with the elementary principles of the science and their applications. The subject matter is presented mainly by means of experimental lectures.

Physics 4. Elementary Mechanics and Heat. 2 recitations and 1 laboratory period. 3 hours. (Physics 3.)

Physics 5. Continuation of Physics 4. 2 recitations and 1 laboratory period. 3 hours. (Physics 4.)

Physics 6. Electricity and Magnetism. 2 recitations and 1 laboratory period. 3 hours. (Physics 5.)

Physics 4, 5 and 6 afford an introduction to Theoretical and Practical Physics.

Physics 7. Teachers' Course in Physics. 2 hours. (Physics 3.)

Physics 8. Continuation of Physics 7. 2 hours. (Physics 7.)

Physics 9. Continuation of Physics 8. 2 hours. (Physics 8.)

Physics 7, 8 and 9 are intended for those expecting to teach High School Physics. The work consists of a discussion of courses, texts, equipment of a laboratory, repair and construction of apparatus, and of giving experimental lectures before a class.

Physics 10. Meteorology: lectures, recitations, and observations. 3 hours. Taught in spring term, 1911. (Physics 3.)

Physics 11. Light and Sound. 3 hours. Taught in Spring term, 1912. (Physics 3.)

Physics 12. Advanced Laboratory Work.

In all the above courses, a laboratory period is understood to mean $2\frac{1}{2}$ to 3 hours actual time in the laboratory, and the student is given credit of 1 hour for each laboratory period. In all courses requiring laboratory work, a fee of \$2 is charged to cover deterioration of apparatus and cost of supplies.

ASTRONOMY

Astronomy 1. A general descriptive course. 3 hours.
(Mathematics 5, and Physics 3.)

Astronomy 2. Continuation of Astronomy 1. 2 hours.
(Astronomy 1.)

ELOCUTION AND PHYSICAL CULTURE

Elocution is studied by all students through the Sophomore year. Physical Culture is required of all the ladies unless excused by the President. As a rule, we follow the Emerson School of reading and expression as well as in Physical Culture.

Those wishing to take special work in Oratory may do so by paying a fee of \$10 in addition to the regular tuition. This special work involves private instruction.

Elocution 1. Deep breathing—exercises for securing natural tones of the voice, smoothness, variety, placing and vocal energy.

Enunciation.

Interpretation—grouping; inflection, emphasis, conception of styles of literature.

Elocution 2. Continuation of Elocution 1, and a study of the different styles of expression.

Elocution 3. Continuation of Elocution 2, and training of the imagination and the relation of the voice to emotion.

Physical expression.

Elocution 4. Dramatic work; facial expression; action.

Elocution 5 and 6. Continuation of Elocution 4.

Texts: Elocution 1, 2 and 3, Monroe's Sixth Reader.

Elocution 4, 5 and 6, Cumnock's Choice Read-
ings.

PHYSICAL TRAINING

All the young ladies of the college are expected to take this work unless excused by the President. Two courses are offered.

First—Expressive Physical Culture, including exercises for poise, presence and bearing—for grace and ease of manner—for the vital organs—for respiration.

Second—Gymnastic Work, including free standing movements—drills with wands, dumb-bells, Indian clubs, and bar bells. Gymnastic games, including basket ball—plain military and fancy marching—aesthetic dancing.

Suits are required for this work and directions for such will be given when classes are formed. A physician's certificate is necessary from all expecting to play basket-ball.

MILITARY DEPARTMENT

Work in this department began in 1891 under First Lieutenant Chas. W. Rowell, 2d Infantry, United States Army, who was then detailed by the War Department as Professor of Military Science and Tactics at this institution.

The present Professor of Military Science and Tactics is First Lieut. Wm. A. Castle, 9th Infantry, United States Army, who was graduated from the Infantry and Cavalry School in 1904, and from the Army Staff College in 1905.

COURSE OF STUDY AND INSTRUCTION

The following course of study and instruction, recommended by the War Department, has been adopted by this institution:

(a) Practical:

Infantry Drill Regulations, through the school of the battalion in close and extended order.

Advance and rear guards, and outposts.

Marches.

Battle formations, (Normal attack and defense).

The ceremonies of battalion review, inspection, parades, guard mounting, and escort of the colors.

Infantry target practice.

Instruction in First Aid to the Injured.

Signal Drill.

Weather permitting, there shall not be less than one parade and one guard mounting during each week of the school term; and one battalion inspection and review each month.

(b) Theoretical:

The Infantry Drill Regulations covered by the practical instruction.

The Manual of Guard Duty.

Small-Arms Firing Regulation, Parts I, II and VII.

The Articles of War, with special reference to Articles 4, 8, 15, 20, 21, 22, 23, 24, 32, 38, 39, 40, 42, 44, 46, 47, 50, 55, 57, 61, and 65.

Field Service Regulations.

And the following records:

Enlistment and discharge papers, including descriptive lists.

Morning reports.

Field and monthly returns.

Muster rolls.

Roster.

Ration returns.

Requisitions.

Property returns.

The Articles of War specifically mentioned are among the most important for a young officer to know on first entering the service.

The records prescribed for study should be thoroughly understood by all graduating cadets, because they show how the soldier enters and leaves the service, how he is accounted for, paid, fed, clothed, armed, and how his military duties are regulated.

ORGANIZATION

The cadets are organized as a battalion, with cadet officers and non-commissioned officers.

The major, captains and lieutenants are appointed from the Senior Class, the sergeants from the Junior Class and the corporals from the Sophomore Class. The appointments of cadet officers for the coming year will be announced in the next Bulletin.

CADET BAND

The Cadet Band is an important feature. Students playing band instruments, or desiring to learn to do so, are given the opportunity to make themselves proficient in this

respect. Those having band instruments are requested to bring them to College.

A thoroughly competent leader will have charge of the band practice during the coming year.

HOSPITAL CORPS AND SIGNAL CORPS

These are small detachments to which specially selected cadets are assigned. The signal corps has been recently organized and it is hoped to include in it all kinds of military signalling. At present the work is limited to flag signalling. The work in the hospital corps includes all kinds of first aid, litter drill, bandaging, etc., caring for patients in cases of drowning, sun-stroke, freezing, poisoning, etc., in addition to wounds of all kinds.

TARGET PRACTICE

This is one of the most important features of the department. The course in target practice is the one prescribed by the War Department for the organized militia of the United States. The cadet is taught how to take the rifle apart, how to put it together, and how to shoot it,—important things for an American young man to know.

Cadets qualifying as marksmen, sharpshooters, or expert riflemen, are given certificates of same.

A suitable medal is presented to the cadet making the best record at target practice.

THE UNIFORM

The uniform required is similar to the West Point uniform and is made of West Point standard cloth. These suits, including cap, cost \$15.00. All young men are required to provide themselves with one of these suits. Those who feel they are not financially able to provide the complete suit are required to secure trousers, cap and shirt-

waist, involving an outlay of about four dollars and fifty cents or five dollars. These suits will easily last the full four years and it is a great saving to the student. All young men physically qualified are expected to take the work in Military Science and Tactics except those who are excused during the several seasons as members of the regular College Football, Basketball and Baseball teams.

OUTINGS

In past years instructive outings have been arranged for the battalion of cadets. These have included attendance at the inauguration of President McKinley, in 1901, President Roosevelt, in 1905, and President Taft, in 1909, besides numerous short excursions, camping trips, practice marches, etc.

BENEFITS OF THE MILITARY DEPARTMENT

The attention of young men and of parents and guardians is called to the very great advantage of military training. In this College the Military department is of incalculable benefit, not only as affording the very best form of military training, but especially in inculcating the moral virtue of OBEDIENCE. Young men are here taught the foundation principles of good conduct and good citizenship. The intellectual training given in this department is of no small consequence. The study and class recitations in Military Science on the drill grounds afford the very best kind of mental discipline, requiring the student to think quickly and accurately. Scores of students who have taken instruction in this department bear testimony of the good they have received, physical, mental and moral.

FIELD, STAFF AND COMPANY

OFFICERS

1909--1910

RALPH G. WHITE, Major.
F. W. WALKER, Adjutant.
C. GARMAN JOHNSON, Sergeant Major.
T. A. WINTER, Quarter Master.
W. W. WASSON, Quarter Master Sergeant.
FRANK C. KETLER, Company "A" Captain.
G. A. CRIBBS, Company "A" Lieutenant.
G. D. WICK, Company "A" 1st Sergeant.
HARRY M. BLACK, Company "B" Captain.
W. B. PURNELL, Company "B" Lieutenant.
MARK B. MAHARG, Company "B" 1st Sergeant.
A. R. BARTHOLOMEW, Company "C" Captain.
H. H. STEWART, Company "C" Lieutenant.
CLIFFORD EAKIN, Company "C" 1st Sergeant.
LEROY DODDS, Signal Corps Sergeant.
F. R. MARSHALL, Hospital Sergeant.
PLUMMER O. NIXON, Drum Major.
A. S. WILSON, Chief Musician.

GENERAL INFORMATION

THE TOWN

Grove City College is located at Grove City, Mercer County, Pennsylvania. Grove City has about four thousand inhabitants and is distinctively a college town. Pure water, from artesian wells, and a complete system of sewerage make it possible for the homes to have all modern conveniences. At an elevation of 1,300 feet above sea level, its location, both as to beauty and healthfulness, is surpassed by few college towns.

The town is located on the Bessemer & Lake Erie Railroad, whose connections with the trunk lines of the East are excellent. Connections are made at Butler with the Pennsylvania, the Pittsburgh & Western, and the Buffalo, Rochester & Pittsburgh; at Mercer with the Pennsylvania; at Shenango with the New York, Lake Erie & Western and the Erie & Pittsburgh; at Osgood with the Lake Shore; and at Wallace Junction with the Nickle Plate. There are four daily trains to Pittsburgh, and to Erie.

THE CAMPUS

The college campus embraces forty acres of land in the center of town. This is divided by Wolf Creek into two parts; one, fifteen acres of woodland, the other, twenty-five acres of college and athletic grounds. There are nine buildings, which are heated with steam and lighted with electricity from a central power plant.

The Main College Building, erected in 1888, is a four-story brick building and contains the offices, a chapel room, several recitation rooms, two laboratories for chemistry, two large rooms for use of the commercial school, and clubrooms for the four literary societies.

Recitation Hall, a two-story brick building erected in 1879, contains six recitation rooms, the art studio, and a clubroom for the Music (Schubert) Club.

Physics Building, erected 1902, contains a lecture room, several laboratories, and a large room for mechanical draughting. It is well equipped with apparatus for instruction in both general and advanced physics.

Ivy Chapel contains a small auditorium for the use of the student organizations, a large recitation room, and a rest room for the young women of the college.

Carnegie Library contains, in addition to the library and reading room, a public auditorium with seating capacity for six hundred, containing a two-manual pipe organ.

Music Hall, erected 1895, is equipped with auditorium, recitation and practice rooms, containing the facilities for carrying on the work of the Conservatory of Music.

A Gymnasium equipped for the ordinary indoor work in athletics is provided by the College. It contains, in addition to the exercise room, other rooms devoted to bathing purposes. During the winter months a good deal of attention is given to the training of basket-ball teams. In this building are held the inter-class basket-ball games, as well as the inter-collegiate games. The building is heated with steam and lighted with electricity and furnished with hot and cold water for bathing purposes.

The College Club is a building owned by the College and equipped as a Commons for young men. Here table boarding can be had for \$27.00 for any one of the long terms.

ROOMS AND BOARDING

The Colonial and the Cunningham Hall—The ladies dormitories are under the immediate control of the Dean, and are designed to provide comfortable and pleasant homes for young women. Beginning with the fall term, 1910, the number of lady students from out of town will be limited

to the capacity of the dormitories, about eighty. The student rooms are arranged, mostly, in suites of two with bathroom for each suite; there are also some single rooms with bath. Each room is furnished for occupancy by two girls. Each girl furnishes her own towels and bed linen which are laundered by the college. Personal linen of each girl is laundered at her expense, either at the Colonial or elsewhere.

Room and boarding at the Colonial for the regular college sessions, \$60 per term, two girls in a room; on the fourth floor, \$50 a term. For the summer term, ten weeks, \$50 and \$40, respectively. Room and boarding at Cunningham Hall for the regular sessions, \$50 per term, two girls in a room; for the summer term, \$40.

The out-of-town young men room at private homes, where furnished rooms, for two students, average \$20 per term including light and heat. Boarding may be had at the College Club for \$27 for one of the three regular terms, or \$22 for the summer term. This price is guaranteed by the College. Boarding in other clubs, on the coöperative plan, averages \$2.50 a week.

THE COLLEGE

Grove City College is an undenominational, Christian College. No religious test is required of members of the board of trustees, faculty, or student body. The College emphasizes Christian character, and from it there go out many young men and women to enter the gospel ministry or engage in other Christian work. More men enter the gospel ministry from this institution than from any other college in Pennsylvania. Each year, in August, a Bible Conference is held under the auspices of the College. This Conference continues ten days, and at it special courses by distinguished scholars and clergymen from both sides of the Atlantic are offered.

College work is begun each day with devotional exercises. Divine services are held each Sabbath morning in

the chapel. College prayer-meetings are held regularly during each session.

Grove City College stands for classical education broadened by thorough work in mathematics and the sciences.

The College has adopted the four terms system, three sessions of twelve weeks, and a fourth, summer session, of ten weeks. As much work can be done in the fourth term as in any of the regular sessions, as literary club work and athletics are suspended for this term. By taking advantage of the summer term, many teachers who teach seven months in the year can complete two-thirds of a year's college work yearly.

In the summer session the work is greatly broadened in various departments of college work. This is particularly true in the sciences—especially in chemistry and physics. The work is also broadened in English and from year to year distinguished professors from other institutions are employed to enable the College to offer a greater number of courses along these lines.

The work in philosophy is also greatly enlarged during the summer session. In addition to the regular college work in epistemology, metaphysics and the history of philosophy, special summer courses are provided for the benefit of clergymen and other men who have already received a college training. This work is pretty widely known as the Summer School of Philosophy at Grove City. Into this work, in addition to President Ketler, such men as Dean A. T. Ormond, of Princeton, and Dr. John E. Clarke, of the Boston University, are brought from year to year. For many years the late Professor Borden P. Bowne, of the Boston University, was also connected with this work. Among the teachers from other institutions who have been taking part in the work of the English Department in recent years are Professor Hardin G. Craig, Ph.D., and Professor Gordon Hall Gerould, Lit.B., (Oxon), of the Princeton University.

The summer term has proved of especial value to many of the student body who have found it necessary to make up conditions or who desire to shorten the time for graduation. The Summer School has also proved of great value to many others, especially teachers, who are obliged to give a part of their year to the work of teaching and are enabled to make substantial progress along college lines during their summers.

Affiliated with the College are Schools of Music, and Commercial Branches, a Preparatory Department, also a Department of Art, and, in the summer a School of Pedagogy. These are described in special Bulletins, which will be sent on request.

HOSPITAL ACCOMMODATIONS

By arrangement with the Grove City Hospital, students who become seriously ill are cared for. A hospital fee is charged each student. The fee is fifty cents for each term, except the winter term, when one dollar is charged. Students are cared for at the Hospital at the expense of this fund, being allowed up to \$40 in any term.

STUDENT ORGANIZATIONS

There are four literary societies in the college—Shakespeare and Webster, for young men; Speedwell and Philokalian for young women. These societies have been in existence from twenty to thirty years, and are composed of the best talent in the student body. Each society has its own Club Room which is well furnished and equipped. The order of exercises includes orations, debates, music, impromptu speeches, and friendly criticism.

There are healthy, active branches of both Y. M. C. A. and Y. W. C. A. among the students.

The students in the elocution department constitute a dramatic club, which holds monthly recitals, each student appearing at least once during the year.

SPECIAL NOTE

Students who are addicted to the use of cigarettes are not received, nor permitted to remain at this institution. It has long been the requirement of the College that those using tobacco must refrain from its use on the campus of the College.

JUNIOR ORATORICAL CONTEST

During Commencement week, the College holds a Junior oratorical contest open to all who enter the Junior class not later than the winter term and are in College for three sessions preceding the contest; the contest is under the rules below:

1. No oration shall exceed 1,500 words in length.
2. Three typewritten copies of the orations must be in the hands of the Faculty for submission to the judges, fifteen days before the contest.
3. The decision of the judges shall be based equally on thought, style and delivery.
4. The orations, when received, shall be numbered and then handed to the judges for rating on thought and style, the names of contestants not being known to the judges.
5. There shall be three judges chosen by the Faculty, who shall hand in their decisions in writing without conference.
6. The contest shall be limited to six orators, chosen by a preliminary contest under the above rules held in the month of April.
7. The prizes are: First place, \$50; second place, \$30; third place, \$20. These prizes are furnished for the year 1911 by Senator George W. Wright, of Mercer, Pennsylvania.
8. The winners of first, second and third places earn the right to speak upon graduation at the following Commencement.

ATHLETICS

The College maintains athletics of the various kinds in vogue in schools and colleges. In all local and inter-class games every student of the College is eligible to take part and is encouraged to do so. Professionalism in whatever form is discouraged. Students are not permitted to give such emphasis to athletics as will interfere with their work in their courses of study. No student is permitted to take part in an inter-collegiate contest who is not taking a full schedule of work and whose work is not up to a fair average in quality. In the makeup of teams for inter-collegiate sports with the various colleges constituting the Inter-collegiate Association of Western Pennsylvania the rules and practices of this Association, whatever they may be, are binding upon Grove City College, and must prevail in determining the eligibility of students of this College to take part in these sports.

INTER-SCHOLASTIC ORATORICAL CONTEST AND FIELD MEET

On Friday evening, May 19, 1911, will be held an Oratorical Contest for high schools and academies under Rules 1, 2, 3, 4, and 5, for the Junior Oratorical Contest, page 51. Each school is limited to one contestant, and the prizes are medals of gold, silver and bronze.

In the Field Meet for high schools, etc., held Saturday, May 20, 1911, all contestants must be certified by their school principals to be *bona fide* students of purely amateur standing. First place counts five points, second place three points, third place one point; one-mile relay race counts double in points. Gold, silver, and bronze medals are given to the winners of first, second and third places, respectively. The school winning the relay race receives a silver cup. The events are: 100 yard dash, 220 yard dash, 440 yard dash, half mile and one mile runs, 120 yard high hurdles, 220 yard low hurdles, one mile relay, running high jump, running broad jump, pole vault, 12 pound shot, 12 pound hammer throw.

TUITION AND EXPENSES

Tuition, per term	\$20.00
Hospital fee, per term . . . . .	.50
Hospital fee, Winter term	1.00
Athletic fee, gentlemen	2.00
Athletic fee, ladies	1.00
Special examination in any subject	1.00
Mechanical Drawing	5.00
Physics laboratory	2.00
Botany laboratory	2.00
Chemistry laboratory	2.00 or 3.00
Surveying	3.00
Board, College Club, gentlemen, per term . . .	27.00
Board, College Club, Summer term	22.00
Board at other clubs, per week, about	2.50
Room, one or two students, per term, about . . .	20.00
Board and Room, Colonial, for ladies	
per term	50.00 to 60.00
Board and Room, Colonial, Summer	
term	40.00 to 50.00
Board and Room, Cunningham Hall, for	
ladies, per term	50.00
Board and Room, Cunningham Hall, Summer term	40.00

COLLEGE ROSTER

POST GRADUATE DEPARTMENT

FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Aiken, Rev. Wm. A.	.	.	.	.	.	Olathe, Kansas.
Acheson, Rev. T. H.	.	.	.	.	.	Pittsburgh.
Bryan, Prof. W. S.	.	.	.	.	.	Carnegie.
Bolton, Rev. John	.	.	.	.	.	Braddock.
Bleakney, Rev. W. H.	.	.	.	.	.	Pendleton, Oregon.
Bennett, Rev. S. H.	.	.	.	.	.	Nashville, Michigan.
Boyd, Rev. Arthur M.	.	.	.	.	.	Jackson, Michigan.
Brocious, Rev. P. T.	.	.	.	.	.	Philadelphia.
Beuscher, Rev. Philip	.	.	.	.	.	Mendota, Ill.
*Brandon, Rev. W. J.	.	.	.	.	.	Passur, the Punjab, India.
Billings, Rev. Jesse E.	.	.	.	.	.	Madison.
Bickett, Supt. Wm. J.	.	.	.	.	.	Rahway, N. J.
Conn, Rev. Lloyd H.	.	.	.	.	.	Jefferson.
Dickey, Prof. C. E.	.	.	.	.	.	Avalon.
*Davies, Rev. James Ashton	.	.	.	.	.	Lenexa, Kansas.
Davis, Rev. G. Morgan	.	.	.	.	.	Ellwood City.
Dunkle, Rev. J. Ambrose	.	.	.	.	.	Saginaw, Mich.
Engle, Rev. James W.	.	.	.	.	.	Terra Alta, W. Va.
Edwards, Rev. R. H.	.	.	.	.	.	Meadville.
Elliott, Prof. H. H.	.	.	.	.	.	Freeport.
Fellers, Rev. E. D.,	.	.	.	.	.	Youngstown, Ohio.
Fowler, Rev. George	.	.	.	.	.	Southport, England.
Frantz, Rev. A. P., D.D.	.	.	.	.	.	Catasauqua.
Fulton, Rev. Robert B.	.	.	.	.	.	Key, Ohio, R. F. D.
Green, C. C.	.	.	.	.	.	New Brighton.
Gibson, Rev. Z. Montgomery	.	.	.	.	.	Philadelphia.
Gibson, Rev. Leonard B.	.	.	.	.	.	St. Stephens, N. B., Canada.
Grover, Delo C.	.	.	.	.	.	Scio, Ohio.
Hoban, Prof. C. F.	.	.	.	.	.	Dunmore.
Hostetter, J. M.	.	.	.	.	.	Renova.
Haberly, Rev. Adolph	.	.	.	.	.	Coquille, Oregon.
Hensley, Rev. L. B.	.	.	.	.	.	Emmittsburg, Md.
Hand, Rev. Howard	.	.	.	.	.	Frackville.
Heeter, Supt. N. E.	.	.	.	.	.	Clarion.
*Hatfield, Rev. J. H.	.	.	.	.	.	Columbus, Ohio.
Heltzel, Prof. Robert Nicholas	.	.	.	.	.	Gettysburg.
*Hughes, Rev. W. M.	.	.	.	.	.	Elmhurst, N. Y.
Haupert, Rev. Sylvanus	.	.	.	.	.	Pittsburgh.
Jones, Rev. Edgar	.	.	.	.	.	Bismarck, N. D.
Johnson, Rev. D. A. W.	.	.	.	.	.	Grove City.
Jackson, Prof. F. S.	.	.	.	.	.	Punxsutawney.
Karns, W. Emerson	.	.	.	.	.	St. Marys.

King, Rev. O. Dale	Charleston, W. Va.
Millington, Rev. H. C.	Bemus Point, N. Y.
Mitchell, Rev. Alexander	Providence, R. I.
Maclean, Rev. Hector N.	Avonmore, Ontario, Canada.
Murch, Rev. F. B.	Greenwich, N. Y.
*McClelland, Rev. Melzar D.	Pikeville, Ky.
McCartney, Rev. Hugh W.	Chicago, Ill.
McClurkin, Walter C.	Beaver Falls.
Perkins, D. H.	Showhegan, Me.
Perkhiser, Miss Lillian	Nevada, Iowa.
Powers, Prof. Frank H.	McKees Rocks.
Phillips, A. B.	Erie.
Poling, Rev. Daniel	Canton, Ohio.
Peterson, George	Cape Town, South Africa.
Powell, Rev. A. C.	Marion Center.
Ritchie, Rev. Chas. M.	New Concord, Ohio.
Reed, Rev. W. A.	Wilkinsburg, R.F.D. 1
*Ross, Rev. Charles R.	New York, N. Y.
*Ritchie, Rev. Charles M.	New Concord, Ohio.
Sanner, Rev. N. H.	Ligonier.
Strothard, George W.	Sinclairville, N. Y.
Stephens, Rev. J. W.	Toronto, Canada.
Smead, Rev. E. M.	Union City.
Small, Rev. W. J.	Conneautville.
Smith, Prof. W. J.	Coatesville.
Smathers, Prof. C. B.	Grove City.
Scott, Rev. James E.	Gassaway, W. Va.
Shadduck, Rev. B. H.	Mt. Clare, W. Va.
Turney, Omar A., Esq.,	Phoenix, Arizona.
Thompson, Rev. J. H.	Barnard, Mo.
Wozencraft, Rev. W. O.	Columbus, Ohio.
Winner, Prof. Harry E.	Pittsburgh.
*Wiley, Abraham Lincoln	Ratnagiri, India.
Willock, James Henry	New York, N. Y.
Wolford, Prof. C. H.	Duquesne.
White, Rev. H. C.	Rock Valley, Iowa.
Young, Rev. S. W.	Harrisville.

*Graduates.

Ladies, 1; Gentlemen, 79; Total, 80.

PHILOSOPHY STUDENTS, SUMMER TERM, 1909

Aiken, Rev. William A.	. . . . .	Olathe, Kansas.
*Bowman, Roscoe	. . . . .	Grove City.
*Brandon, Rev. W. John	. . . . .	Grove City.
Fulton, Rev. Robert B.	. . . . .	Key, Ohio, R. F. D. 1.
*Hughes, Rev. W. M.	. . . . .	Elmhurst, N. Y.
Mitchell, Rev. Alexander	. . . . .	Providence, R. I.
McCartney, Rev. Hugh W.	. . . . .	Grove City.
*McClelland, Rev. Melzer D.	. . . . .	Pikeville, Ky.
*Ritchie, Rev. Charles M.	. . . . .	New Concord, Ohio.
*Ross, Rev. Charles R.	. . . . .	Chester, N. Y.
Young, Rev. S. W.	. . . . .	Grove City.

*Graduates.

Gentlemen, 11; Total, 11.

UNDERGRADUATE DEPARTMENT

SENIORS

Barbor, Robert Linus	. . .	A.B.	. . .	Grove City.
Black, Harry M.	. . .	A.B.	. . .	Grove City.
Cochran, Charles W.	. . .	A.B.	. . .	Dayton.
Costello, John F.	. . .	A.B.	. . .	Geneseo, N. Y.
Cribbs, George Arthur	. . .	A.B.	. . .	Grove City.
Daubenspeck, Clem R.	. . .	A.B.	. . .	North Washington.
*Eakin, Frank	. . .	A.B.	. . .	Grove City.
Eakin, Paul Anderson	. . .	A.B.	. . .	Grove City.
Frantz, George Arthur	. . .	A.B.	. . .	Conewingo, Md.
*Fogelsanger, Samuel E. L.	. . .	Ph.B.	. . .	Shippensburg.
Hammond, Josephine	. . .	A.B.	. . .	McCook, Neb.
*Hodge, Addison R.	. . .	Ph.B.	. . .	Grove City.
Johnston, C. Garman	. . .	A.B.	. . .	North Jackson, Ohio.
Johnston, Samuel L.	. . .	A.B.	. . .	Burgettstown.
Lechner, Rosa	. . .	A.B.	. . .	Tioga.
Lyons, Simeon W.	. . .	Ph.B.	. . .	Grove City.
Mitchell, James Francis	. . .	A.B.	. . .	Eau Claire.
Moore, Bertha	. . .	A.B.	. . .	Oakdale.
Nesbit, Dean A.	. . .	B.S.	. . .	Butler.
Watson, Alexander P.	. . .	A.B.	. . .	Shippensburg.
White, Ralph G.	. . .	A.B.	. . .	Ramey.
Wilson, Ashley Sumner	. . .	A.B.	. . .	Calcutta, Ohio.

*Work not completed.

Ladies, 3; Gentlemen, 19; Total, 22.

JUNIORS

Acheson, Geo. Ellsworth	Ph.B. . . .	Allegheny.
Daubenspeck, Fred	A.B. . . .	North Washington.
Howe, Edwin Carl	A.B. . . .	Scotch Hill.
McKinney, Grace	A.B. . . .	Franklin.
Tait, Leo Leslie	A.B. . . .	Fredonia, R. F. D. 36.
Thompson, Raymond	Ph.B. . . .	New Wilmington.

Ladies, 1; Gentlemen, 5; Total, 6.

*CONDITIONAL JUNIORS

Allen, A. Melville	A.B. . . .	Grove City.
Bartholomew, Archie R. . . .	A.B. . . .	Grove City.
Benade, J. Martin	B.S. . . .	Big Run.
Cowen, Irene	Ph.B. . . .	Dayton.
Duncan, Anna	A.B. . . .	Alverton.
Flemming, Nora Emeline	Ph.B. . . .	West Sunbury.
Gensbigler, Walter A. . . .	A.B. . . .	Butler.
Hammon, Clara V. . . .	A.B. . . .	Pittsburgh.
Hassler, Jacob P. . . .	A.B. . . .	Grove City.
Heckert, Robert Leonard	A.B. . . .	Bakerstown.
Jones, Beatrice	A.B. . . .	Baden.
Ketler, Frank Courtney	A.B. . . .	Grove City.
Lefler, Victor Blaine	A.B. . . .	Emlenton.
Maharg, Mark Brown	A.B. . . .	Renfrew, R. F. D. 28.
Maxwell, Helen	A.B. . . .	Grove City.
Moore, Lawrence G. . . .	Ph.B. . . .	Hookstown.
Niece, Helen M. . . .	A.B. . . .	Grove City.
Smith, Grace E. . . .	A.B. . . .	Cabot.
Vail, Helen Julia	A.B. . . .	New Bedford.
Walsh, Lenore E. . . .	Ph.B. . . .	Munhall.
Wallace, Mary Melissa	A.B. . . .	Mercer.
Wasson, William Ward	Ph.B. . . .	Grove City.
Wick, George D. . . .	A.B. . . .	Slippery Rock.
Wilson, Nodie Bryson	A.B. . . .	Calcutta, Ohio.
Woodward, Peter M. . . .	A.B. . . .	Saegerstown.

*Some Junior work to do.

Ladies, 11; Gentlemen, 14; Total, 25.

SOPHOMORES

Archer, Robert L. . . .	A.B. . . .	Prosperity.
Dodds, Leroy	A.B. . . .	Grove City.
Esch, Martha	A.B. . . .	Franklin.
Gemmill, Walter E. . . .	B.S. . . .	Sharpsville.
Gudekunst, Edward	A.B. . . .	Zelienople.
Imbrie, T. Delos	A.B. . . .	Harrisville.
Jamison, John Calvin	Ph.B. . . .	Eau Claire.
Jordan, Harry L. . . .	A.B. . . .	Slippery Rock.

Lewis, James M.	Ph.B.	Osceola Mills.
Martsoff, Jesse B.	A.B.	New Brighton.
Miller, T. Parsons	A.B.	Grove City.
McConnell, James C.	A.B.	Grove City.
Page, Walter E.	Ph.B.	Marienville.
Purnell, Walter B.	A.B.	Polk.
Sample, J. Harold	B.S.	Sharpsville.
Simons, R. Roscoe	B.S.	Clarks Mills.
Young, Myrtle A.	A.B.	Grove City.

Ladies, 2; Gentlemen, 15; Total, 17.

*CONDITIONAL SOPHOMORES

Anderson, Glen	A.B.	Sharon.
Andrews, Dora	A.B.	Union City.
Axtell, Sarah L.	Ph.B.	Coal Center.
Campbell, Clyde W.	A.B.	Rouseville.
Cook, Charles D.	Ph.B.	Springboro.
Henry, Edgar S.	A.B.	Apollo.
Herr, Joseph	Ph.B.	Petrolia.
Johnston, Edgar J.	A.B.	North Jackson, Ohio.
Musser, Alfaretta	A.B.	Fredonia.
McCullough, Charles L.	A.B.	Eagleville, Ohio.
Nece, John K.	A.B.	Fairview.
Renick, Bertha M.	A.B.	West Sunbury.
Smith, Guy R.	A.B.	Heathville.
Smith, Merrill L.	A.B.	Townville.
Strock, Harriet L.	Ph.B.	Baden.
Thompson, Homer H.	A.B.	Jackson Center.
Williard, L. Arthur	Ph.B.	Apollo.
Wilson, Hazel	A.B.	Grove City.

*Some Freshman work to do.

Ladies, 6; Gentlemen, 12; Total, 18.

FRESHMEN

Burnham, Harry D.	B.S.	Wellsburg, N. Y.
*Cleland, Thos. Raymond	A.B.	New Castle.
Conner, Edgar H.	Ph.B.	Grove City.
Crane, Howard W.	A.B.	Canonsburg.
Daubenspeck, Madge L.	A.B.	North Washington.
DeRoque, Clara M.	Ph.B.	Chicago, Ill.
Fisher, Raymond E.	A.B.	Skidmore.
Garard, Ira D.	B.S.	Whiteley.
Harbison, Robert L.	Ph.B.	Tarentum.
Hartzel, Elmer W.	A.B.	New Castle.
Kelly, Thomas V.	A.B.	Eau Claire.
King, J. Earl	A.B.	North Washington.
Kiskaddon, Wilmina	A.B.	Grove City.
Lawther, LeRoy	A.B.	Apollo.

Love, Duncan Walter . . .	Ph.B. . .	Falls Creek.
Martin, Dean W. . . .	B.S. . .	New Castle.
Morley, Everett E. . . .	Ph.B. . .	Towanda, R.F.D. 2.
Myers, Adelaide	A.B. . .	Grove City.
McDowell, Roy J. . . .	A.B. . .	Grove City, R.F.D. 16.
McKinley, Harry C. . . .	Ph.B. . .	Polk.
Parker, Mary	A.B. . .	Boyers.
Peebles, Genevieve . . .	A.B. . .	Grove City.
*Shoemaker, Frank Lebbeus	A.B. . .	New Castle, R.F.D.
Smith, Laura E. . . .	A.B. . .	Sligo.
Steffey, Charles I. . . .	A.B. . .	Livermore.
Stepp, Lawrence	A.B. . .	Glade Mills.
Stewart, S. Mertz	A.B. . .	Emlenton.
Thom, Martha	Ph.B. . .	Natrona.
Winter, Thomas A. . . .	A.B. . .	Westview.

*Deceased.

Ladies, 8; Gentlemen, 21; Total, 29.

*CONDITIONAL FRESHMEN

Acher, Howard M. . . .	Ph.B. . .	Grove City.
Ashe, Elsie	A.B. . .	Greenville.
Baird, Almeda	A.B. . .	Grove City.
Black, Homer E. . . .	A.B. . .	Grove City.
Boal, Elizabeth A. . . .	A.B. . .	Cooperstown.
Booth, Flora M. . . .	A.B. . .	West Alexander.
Boucher, S. Doid	A.B. . .	Lovejoy.
Breckenridge, Grace . . .	Ph.B. . .	Grove City.
Brant, Noss D. . . .	A.B. . .	Stahlstown.
Burns, Bessie A. . . .	A.B. . .	Mercer.
Byers, Edgar M. . . .	B.S. . .	Mount Pleasant.
Calhoun, Milo C. . . .	B.S. . .	Big Run.
Caruthers, Mary Bruce . .	A.B. . .	Grove City.
Chew, Marie	A.B. . .	Fredonia.
Chandler, Pearl	A.B. . .	Grove City.
Childs, C. Alonzo	A.B. . .	Guys Mills.
Cloos, Ira H. . . .	Ph.B. . .	Brockport.
Cook, Millie	Ph.B. . .	McKeesport.
Coulter, Joseph R. . . .	A.B. . .	Grove City.
Crouse, Charles C. . . .	B.S. . .	Stahlstown.
Dorr, John H. . . .	A.B. . .	Grove City.
Eccles, Henry W. . . .	A.B. . .	Grove City.
Glasser, James C. . . .	A.B. . .	Marion Center.
Glenn, Helen	A.B. . .	West Sunbury.
Good, Edwin C. . . .	A.B. . .	Dayton.
Good, Frank J. . . .	A.B. . .	Dayton.
Hanna, Ada	A.B. . .	Grove City.
Hartsuff, Clara May . . .	Ph.B. . .	New Castle.
Hasselback, Fred	Ph.B. . .	Falls Creek.
Hawkins, Clarence	A.B. . .	Jefferson.
Herlinger, Harry V. . . .	Ph.B. . .	Indiana.
Henderson, Samuel C. . .	A.B. . .	Shippingport.

Hood, Bertha	A.B.	Monaca.
Hopkins, Archie G.	Ph.B.	Townville.
Irwin, Mabel	Ph.B.	Grove City.
Jenkins, John C.	Ph.B.	Girard.
John, Grace	A.B.	Bridgeville.
Johnson, Harry W.	B.S.	Sugar Grove.
Jones, Benjamin H.	A.B.	Punxsutawney.
Jones, M. Rae	Ph.B.	Pansy.
Keister, W. P. Humes	A.B.	Export.
Killen, Dora Elizabeth	A.B.	Braddock.
Kiskaddon, Walter W.	Ph.B.	Grove City.
Laing, John C.	Ph.B.	Donora.
Lesher, Clara R.	A.B.	Grove City.
Lesher, Mary	A.B.	Grove City.
Locke, Will J.	A.B.	Grove City.
Lockwood, Ada P.	A.B.	Zelienople.
Love, Albert A.	A.B.	McDonald.
Lyle, Arthur	A.B.	Burgettstown.
Marks, Howard	Ph.B.	Callery.
Masters, Harry	A.B.	Centerville.
Mead, Mary B.	A.B.	Clearfield.
Montgomery, Merritt E.	A.B.	Grove City, R.F.D. 16.
Montgomery, Blanche	A.B.	Grove City.
Morrow, John	A.B.	Bakerstown.
McAninch, Malcolm G.	Ph.B.	Lamartine.
Parke, Delos H.	A.B.	Livermore.
Page, Edna	A.B.	Fredonia.
Reiter, Ralph	A.B.	Unity Stat'n, R.F.D. 1
Richie, Jennie	A.B.	Sutersville.
Rutledge, James C.	A.B.	Livermore.
St. John, C. Reid	A.B.	Townville.
Seel, Edward G.	Ph.B.	Etna.
Shields, Arthur	A.B.	Imperial.
Studebaker, James J.	Ph.B.	Jacksville.
Spearman, John J.	A.B.	Grove City.
Vance, Edwin N.	Ph.B.	Bridgeville.
Walker, Foster W.	Ph.B.	McKeesport.
Welsh, Homer	Ph.B.	Grove City.
Wickerham, Earl	Ph.B.	Monongahela.
Wilson, Ethel	Ph.B.	Rose Point.
Woods, Eugene V.	A.B.	Curllsville.
Yaple, John O.	Ph.B.	Waterford.
Zeigler, Estella	A.B.	Renfrew.

Ladies, 26; Gentlemen, 49; Total, 75.

SUMMARY

COLLEGIATE DEPARTMENT

	Ladies.	Gentlemen.	Total.
Post Graduates	1	78	79
Philosophy Students (Summer)		11	11
Seniors	3	19	22
Juniors	1	5	6
Conditional Juniors	11	14	25
Sophomores	2	15	17
Conditional Sophomores	6	12	18
Freshmen	8	21	29
Conditional Freshmen	26	49	75
	—	—	—
	58	225	282
Counted twice			12
	—	—	—
Total			270

DEGREES AND HONORS

At the annual meeting of the Board of Trustees, June 13, 1910, degrees were conferred as follows:

Bachelor of Arts upon Robert Linus Barbor; Harry M. Black; Charles W. Cochran; John F. Costello; George Arthur Cribbs; Clem R. Daubenspeck; Frank Eakin; Paul Anderson Eakin; George Arthur Frantz; Josephine Hammond; C. Garman Johnston; Samuel L. Johnston; Rosa Lechner; James Francis Mitchell; Bertha Moore; Alexander P. Watson; Ralph G. White; Ashley Sumner Wilson.

Bachelor of Science upon Dean A. Nesbit.

Bachelor of Philosophy upon Samuel E. L. Fogelsanger; Addison R. Hodge and Simeon W. Lyons.

Master of Arts, *in cursu*, upon John F. Allison, '06; Dr. M. C. Porter; Dr. J. C. Dunn, '06; Prof. C. E. Wilson, '00.

Master of Arts, *causa honoris*, upon H. P. McMichael, McKeesport, Pa., and Supt. D. W. Morrison, Tionesta, Pa.

Doctor of Philosophy, on examination, upon Rev. William E. Hughes, Elmhurst, N. Y.; Rev. J. H. Hatfield, Columbus, Ohio; Rev. W. J. Brandon, Passur, the Punjab, India; Rev. C. M. Ritchie, New Concord, Ohio; Rev. Charles R. Ross, New York; Rev. M. D. McClelland, Pikeville, Ky.; Prof. Robert N. Heltzel, Gettysburg; Rev. J. A. Davies, Lenexa, Kans.

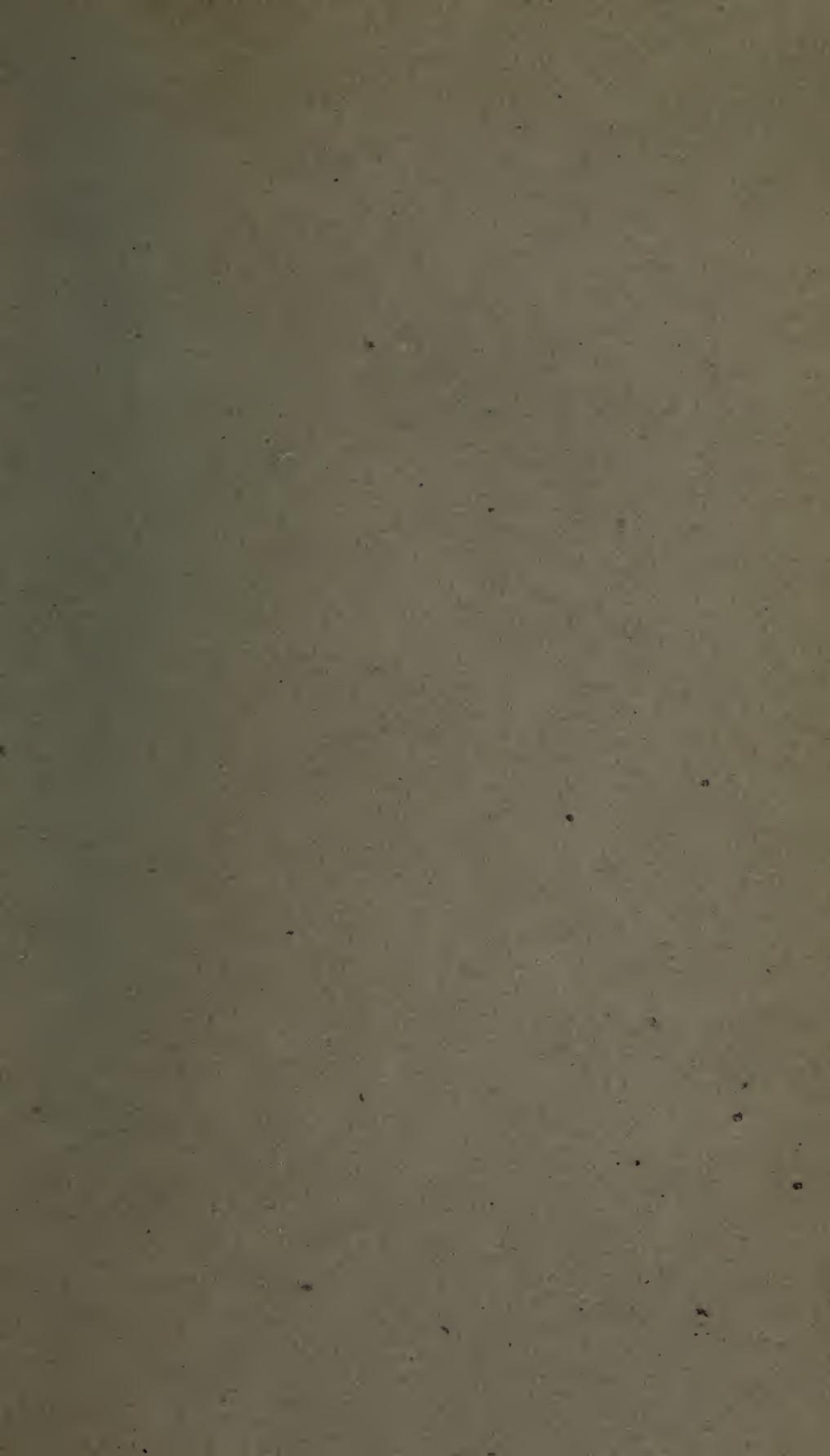
Doctor of Divinity upon Rev. G. W. McDonald and Rev. Jacob T. Bender.

GROVE CITY COLLEGE BULLETIN

The College Bulletin, of which the foregoing catalogue is Part I, contains all information relating to the schools or departments under the general management of Grove City College. Parents and others wishing to know something of the Preparatory Department, the Conservatory of Music and other branches of work under the general management of the College Board at Grove City should consult the general bulletin, which will be promptly sent on application.

This catalogue, with the statement of the entrance requirements and the courses of study, is intended for the use of prospective college students only. The college courses of study will be found to compare favorably with the standards of the best institutions of the country, especially with the colleges ranked high for classical and general scientific courses.

Address all communications to the President, Isaac C. Ketler, Grove City, Pennsylvania.



UNIVERSITY OF ILLINOIS-URBANA



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